mpic/Tsg/RED/SDB-034-70 9 September 1970

GROUP 1

-RDP 78 30 2 1/10 m automatic declassification

MEMORANDIM FOR THE RE	ANTOTAL A COMPANIE	TOR	19.17	RECORD
-----------------------	--------------------	-----	-------	--------

BUBJECT: Dry Silver Film Stability

	1. During the month of August, a Wright Patterson AFB in-house report, concerning the image stability of dry process reproduction films, was discussed at a committee meeting at NPIC. A copy of this report is attached to this memorandum for reference.  2. In a telephone discussion with the author of the	25X
	paper, the following information was obtained:	
	First of all, this test was designed to duplicate an unusual set of environmental circumstances that caused crazing of diazo transparencies in a display case at Shaw AFB. A test set-up, duplicating these conditions as closely as possible, was devised at Wright Patterson AFB. A clear 40 Watt Lumiline bulb with a built in chrominim reflector was used as the radiator. This set-up pro-	25X
	duced a 40 foot-candle reading on center, one foot from the source and a 25 foot-candle reading at the ends of the bulb. A foot candle meter was used for these measurements. exposed and processed all of the materials used, except for the material, which was given to him as a sample.	25X 25X 25X
25X1	3. In discussions concerning the area of testing the keeping quality of film images, stated that it was unfortunate that his tests have received so much attention and such wide distribution since he felt that the conditions used were not realistic for determining the useful life of any kind of photographic imagery. He stated that he knew of no Military Specifications or Federal Specifications for testing image permanency of reproduction films. He also stated that the tests which	
25X1	have been established with the	25X
25X1	suggested meeting with various services and agencies to attempt to establish some realistic, practical and meaningful testing standards for image permanency of films. He also stated that he was giving a complete briefing to his superior,	25X
	Declass Review by NIMA/DOD	

Approved For Release 2004/05/95

## Approved For Release 2004/05/65 : CIA-RDP78B05171A000600010036-4

25X1

25X1

SUBJECT: Dry Silver Film Stability

that the valid, the and are on the punder ronumbers are cons	established ney are concepting up a erformance. emlight cond concerning t idered stand er Step wedg ery to condu	acceleration termed about the duplicate test Additionally, itions on a he "useful life ard use conditi	ests for Dry factors indi to obtain ma processed ima processed ima light of Dry Sil ons.	Silver Matericated in the ore specific agery is being table to obtain wer Material copy of the processed Diaz	rials are e W/P report information ng tested ain some s under what W/P AFB report
			1	Project Moni	tor SDB

Distribution:

25X1

25X1

25X1

Original - Route & File

1 - SDB Chrono

1 - Contract File